AUTHOR INDEX

A		Bryan, Douglas H. Bubrick, Melvin P.	779 329	Dodson, Thomas F. Dolmatch, Bart	232 608	Glick, Barry Glover, John L.	499 577, 584
Abdu, Rashid A.	340	Buck, David	608	Donahue, Philip E.	699	Goedde, Timothy A.	661
	509	Buck, Joseph R.	557	Donato, Antonio T.	446	Goldman, G.	49
Abrams, Jerome Aburahma, Ali F.	670	Bunt, T. J.	463	Dorman, Sanford A.	193, 677	Goldstein, Scott D.	270
	605	Butler, John A.	758	Dorner, Douglas B.	513	Grant, Kenneth Douglas	146
Acosta, José A.	173	Butts, J. A.	181	Doyle, Michael D.	699	Gray, Richard	608
Adams, David B.		Byrd, Michael E.	686	Dulchavsky, Scott A. 535,	573, 590	Grebenc, Mary L.	605
Adams, Reid B.	82 193			Duncan, Titus D.	206	Grieco, Angel	435
Adelman, Ronald W.	792	С		Dyess, Donna Lynne	435	Griswold, John A.	28, 225
Adkins, R. Benton, Jr.		C		,		Grogan, James B.	28
Airo, I.	324	66		E		orogan, ounted Di	20
	750, 766	Cafoncelli, Antonio R.	670	_			
Albrink, Michael H.	104	Cameron, Brian L.	758	Famil Dame 4	406	н	
Alexander, James B.	92	Camishion, Rudolph C.	92	Eagel, Barry A.	496		
Amid, Parviz K.	255	Campbell, Willard B.	641	Eckhauser, Marc L.	120, 358	Hakim, Nadey S.	673
Anderson, Marion C.	173	Canal, David F.	551, 562	Edlich, Richard F.	458	Hallak, A.	49
Andrade, José Ivan	647	Canzanello, Vincent J.	485	Edwards, William H., Jr.	167	Halpern, Z.	49
Andrew, C. T.	369	Caputo, Leonard	766	Edwards, William H., Sr.	167	Hammond, Joel C.	551
Andrews, H. Gibbs	736	Carey, John A.	100	Elkhammas, Elmahdi A.		Hammond, Jonathan G.,	Jr. 300
Andy, Orlando, J., Jr.	28	Carroll, Brendan J.	273	Elliot, Robert L.	126	Hammon, John W., Jr.	100
Antonenko, David	667	Castelli, Melanie	213	Escandon, Richard	443	Hanks, Joseph	53
Archie, Joseph P., Jr.	504	Ceneviva, Reginaldo	647	Espinosa, Manuel H.	193	Hansen, Kimberley J.	485
Asbun, Horacio J.	311	Cerra, Frank	509	Evans, John S.	206	Hans, S. S.	695
Asbun, Juan	311	Chan, Francis D.	750	Evans, Stephen R. T.	455	Hardesty, Robert A.	722
Atabek, Umur M.	92	Chapolini, Robert	722			Hardin, Eugene	293
		Chen, Juza	705	F		Harrigan, Celestine	527
В		Chilson, Tamara R.	750	-		Harris, Randall E.	104
-		Chmielewski, Gary W.	590	Fabian, T. C.	181	Hart, Melinda B.	104
Bailey, Juliet K.	590	Cicala, R. S.	181	Fabian, Timothy C.	199	Harvey, J. C.	441
Baird, David R.	206	Clark, J. Allen	239	Faibisoff, Jan H.	243	Hause, D. W.	441
	258	Clark, Steven R.	293	Fallas, Moses J.	273	Hawkins, Michael L.	378
Ballantyne, G. H.	270	Clark, Thomas W.	250	Farhat, George A.	340	Hayek, Michael	353
Baran, James J.		Cogbill, Thomas H.	395	Fath, John J.	557	Haynes, Allison E.	126
Barone, Gary W.	484, 651	Cohen, Jon R.	478	Feliciano, David V.	395	Head, Jonathan F.	126
Barot, L. R.	369	Colborn, Gene L. 7	2, 77, 158	Fenton, Andrew H.	250	Heaney, Michael	22
Bassett, Joseph S.	584	Cole, David J.	88	Ferguson, Charles M.	88, 96	Helseth, Hovald K.	329
Battey, Patrick M.	188	Collins, John Craig	743	Ferguson, Ronald M.	484, 651	Henry, Mitchell L.	484, 651
Bawnik, Jamie B.	705	Conley, Yale D.	670	Ferrara, John J.	435	Hess, Charlene	378
Beahrs, Oliver H.	17	Coons, Matthew S.	22, 32	Ferraro, Frank J., Jr.	355	Hill, Stephen L.	446
Beckett, W. Clark, Jr.	622	Cooper, Ben	478	Fietsam, Robert, Jr.	584	Hiltunen, KM.	324
Bellian, Kenneth T.	458	Copeland, Edward M., III		Fisher, Barry L.	599	Hoover, Eddie L.	496
Bello, Joseph M.	273, 599	Costabile, Joseph P.	92	Fleischman, E.	441	Horowitz, Joel	387
Bender, Claire E.	673	Croce, M. A.	181	Foley, Craig R.	761	Horst, H. Mathilda	557
Bender, Harvey W., Jr.	100	Croley, G. Giltz	284	Folliguet, Thierry A.	32	Howdieshell, Thomas R.	
Bendick, Phillip J.	584	Cross, Michael J.	132	Fonkalsrud, Eric W.	153	Hsien, Chen Tsung	647
Bentley, Frederick R.	136	Crump, John M.	661	Fountos, Alexandros	787	Huang, Erh-Jung	153
Berberoglu, E. Deniz	521	Cunningham, Peter L.	677	Frazee, Richard C.	132, 409	Hudson, Hilton M., II	784
Bergmann, Leigh S.	65	Cumingiani, reter E.	0,,,	Frazier, Harold	55	Hulbert, John	509
Berne, Thomas V.	443	-		Frist, William H.	100	Hwu, Henry S. H.	225
Bertram, Martin F.	213	D		Fry, Donald E.	605	iiwa, iiciii y 5. ii.	225
Binkley, Lynne E.	535			Frykberg. Eric R.	661		
Bjerke, H. Scott	728	Dahn, Michael S.	521	Fry, William J.	373	1	
Black, James J.	732	Dao, Anh H.	792	Fulginiti, John	346		
Blake, David P.	329	Davidson, David	755			Ilgenfritz, Frederick M.	334
Blalock, William E.	378	Daykhovsky, Leon	273	Furman, Lowell	55 55		
Bland, Kirby I.	423	Dean, Clayton	55	Furman, Richard	33	J	
Bloch, Jack	311	Dean, Richard H.	485	_		•	
Bloch, Robert S.	677	DeFilippi, Vincent J.	618	G		Jackson, Mark R.	622
Block, George F.	618	Deitch, Edwin A.	305			Jacobs, H. Kurt	213
Blossom, Geoffrey B.	584	Delaney, John	509	Gallucci, J. G.	369	Janssen, David	141
Boagni, Edward M.	126	Delladetsima, J.	782	Garrison, R. Neal	136	Jennings, William D.	211
Boland, James P.	670	De Lucia, Angelo	775	Garvey, R. H.	258	Jensen, Donald M.	243
Bolin, John A.	126	Dempsey, Daniel T.	567	Gensler, Todd	506	Jensen, Mark O.	667
Bommarito, Al	141	Dennis, Richard	784	George, Eric R.	594	Jones, David R.	400
Bongard, Frederic S.	315, 717	Devers, Thomas	65	Ghani, Abdul	61	Jurkovich, Gregory J.	395
Bowen, P. Allen	378	Deziel, Daniel J.	243	Ghazi, Ali	657	Jurkovich, Gregory J.	393
Brathwaite, Collin E. M.	108, 350	Diebel, Lawrence N. 535	5, 573, 590	Gilat, T.	49		
Braverman, Stuart J.	188	DiGiacomo, J. Christoph		Gilroy, Susan B. C.	627	K	
Brems, John	353	Ditesheim, Jeffrey A.	44	Girard, Pierre	458		
	551, 562	Djuricin, Goldie	213	Gisbert, Victor L.	329	Kadivar, Ted F.	418
Broadie, Thomas A.	331, 302	Djuriciii, Goidic	413			remainment and a .	
Broadie, Thomas A. Brotman, Sheldon	387	Doberneck, Raymond C.		Gladstone, Alfred	65	Kagan, A. R. Kahn, M. Zafrullah	441 670

2

Manager Mana	Kahn, P. J.	49	Mackett, M. C. Theodore	766	Nordestagged Alexa C	216		
Karman, March Karman, Andro Karner, Andro Karner, Andro Karner, Johnan Karner, Andro Karner, Johnan Karner, Andro Karner, Johnan Karner, Andro Karner, Johnan Karner, Johna			Malangoni Mark A					
Samuri, Asao Samuri, Asao Samuri, Chanki Samuri,					Nylius, Lioyu M.	099		
Azuz, Alfred D. Azuz, Berend G. Azuz,								
Kamers, Andreis 470 Kamers, Andreis 471 Kamers, Andreis 472 Kamers, Andreis 472 Kamers, Andreis 473 Kamers, Andreis 474 Kamers, Renard 74, 175 Kaley, G. P. 153 Kanda, Holdsi 153 Kanda, Holdsi 153 Kanda, Holdsi 153 Kanta, Carado P. 1. 153 Kanta, Carado P. 153 Kanta,					0			686
Kealey, G. P. 200 Kearney, Thomas C. Seley, G. P. 200 Karney, Thomas C. Seley, R. C. P. 200 Karney, Thomas C. Seley, R. C.					•			478
Kearney, Thomas 740 Marin, Raymond S, III 167 Oben, Stephen B, 622 Kearge, Mary J, 546 Maron, Edward M. 206 Oben, Davil W, 622 Save, Jonathan M, 227, 573, 590 Schotter, Daniel J, 546 Maron, Edward M. 206 Oben, Davil W, 622 Save, Jonathan M, 227, 573, 590 Schotter, Daniel J, 546 Matter, Donald J, 67 Kent, Cring 6, 686 Mattill, J, 681 Kernet, Rairgil B, III 239 Kernet, Merrin S, 666 Mattill, J, 681 Matter, Bondal J, 67 Kent, Rairgil B, III 239 Kernet, Merrin S, 666 Mattill, J, 681 Mateward, Donald J, 67 Mateward, Daniel G, 686 Mattill, J, 681 Mateward, Daniel G, 688 Mattill, J, 681 Mateward, Daniel G, 688 Mattill, J, 681 Mate					Obsid Faransk M	***	Sariego, Joaquin 47	4, 506, 686
Sarawa, Richard M. 264, 641 Korgan Mary J. 546 Mason, Ebrawa G. Marchard M. 264, 643 Korgan Mary J. 546 Mason, Ebrawa G. Marchard M. 267 Korley M. 546 Korley M. 547 Korle								
Sawyer, Robert G. 92 Sawyer, Robert G. 93 Sawyer, Robert G. 93 Sawyer, Robert G. 94 Sawyer, R							Satava, Richard M.	
Semicroper 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5							Sawyer, Robert G.	
Schmitt, Paul J. Kent. Craige Kent. Religh B., III 239 Kent. Religh B., III 239 Kent. Religh B., III 239 Kent. Religh B., III 230 Kent. Religh B., III 230 Kent. Craige Kent. Religh B., III 231 Kent. Religh B., III 231 Kent. Religh B., III 232 Kent. Religh B., III 233 Kent. Religh B., III 234 Kent. Craige Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 452 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 451 Matsumoto, Teruu a74, 506, 686 Kesterischery, William L. 452 Matsumoto, Teruu a74, 506, 686 Matsumoto, Teruu a74, 50			Mason, Edward M.	206		622		
Scholten, Donald J. J. 594 Kents, Raleigh B., III 239 Kents, Raleigh B., II			Masuda, Hideki	153	O'Neil, Elizabeth A.	485		
Content Cont	Kemker, Bernard P., Jr.	775	Mathees, Donald J.	667	Onohara, Toshihiro	506		
Kensten, Moral So, 686 Kestenberg, William L 451 Mattila, J.	Kent, Craig	638	Mathews, Richard	634	Onopchencko, Alexander	499		
Kestenberg, William L. Khan, Jannal H. Khan, J	Kent, Raleigh B., III	239						
Kestenberg, William L. 451 Maxwell, Daniel 608 Khan, Jamal H. 670 Maxwell, Daniel 608 King, Thomas C. 364 May, Addison K. 82 King, Thomas C. 364 McCarlary, Jack D. 608 King, Thomas C. 364 McCarlary, William C. 618 King, Lawrence B. 747 McCarlary, William C. 458 Konl, Roy 470 Kong, Lawrence B. 747 McCarlary, William C. 164 McCarlary, William C. 164 McCarlary, William C. 164 McCarlary, William C. 167 McCarlary, William C. 258 McCarlary, William C. 258 McCarlary, William C. 258 McCarlary, William C. 258 McMan, Man 21 McKattrick, James E. 757 McKattrick, James E. 757 McKattrick, James E. 757 McMilliam, C. 258 Merdendthall, William M. 223 Milliam, Ledath U. 418 Mcreett, David W. 567 Mcrall, Walter H. 167 Miller, James Miller,					John Marie Committee Commi	321		
King, Thomas C. 364 May, Addson K. 82 King-thomas C. 364 May, Addson K. 82 King-thomas C. 364 King-thomas C. 364 May, Addson K. 82 King-thomas C. 364 King-thomas C. 364 May, Addson K. 82 May-thomas C. 365 King-thomas C. 364 May, Addson K. 82 May-thomas C. 364 May, Addson K. 82 May-thomas C. 364 May-thomas C. 365 May-thomas C. 365 Shapiro, Mar. J. 353, 366 Shapiro, Mar. J. 353, 366 Shapiro, Mar. J. 353, 367 Shapiro, Mar. J. 353 Shapiro, Mar. J								643
Kinsch, Wolff M. 722 McCarthy, Jack D. 605 Padilla, Allonso N. 311 Seynourum(hyr) I. 728, Misch, Mary C. 562 McCarthy, Jack D. 605 McGrafty, Mary C. 562 McCarthy, Jack D. 605 McGrafty, Mary C. 562 McCarthy, Jack D. 605 McGrafty, Wary C. 562 McCarthy, Jack D. 605 McGrafty, Wary C. 562 McCarthy, Jack D. 605 McGrafty, Wary C. 562 McCarthy, Wary C. 562 M					P		Seltzer, Murray H.	413
Seymour, Marlyn L Seym					-		Setya, Viney	295, 772
Richer, John F. 491					Padilla Alfonso	211	Seymour, Marilyn L.	
McCarthy, May C. Paposa, Peter 108 Shakir, Mohammed 430 Nong, Lawrence B. Nong, Mark, Nong, Min. Nong, Lawrence B. Nong, Lawrenc				605				
McCollam, Stephen M. 72, 77, 158 McCollam, Stephen M. 72, 77, 158 McCollam, Stephen M. 72, 77, 158 McGorgor, Walter McGorgorg			McCarthy, Mary C.	562				
Kong, Lawrence B. 474 McGragro, Walter McKeating, John 277 Kong, Lawrence B. 747 McGragro, Walter McKeating, John 277 Kong, Mina 717 McKeating, John 277 McKeatin		315, 717	McCollam, Stephen M. 72,	77, 158				
Mogrey Color 147	Kohl, Roy	470						
Mescating, John 277	Kong, Lawrence B.	747			Pechlivanidis, George	787		
Kam, Harry B. 293 McMillellin, M. A. 258 Kram, Harry B. 393 McMillellin, M. A. 258 Kram, Ledath U. 418 Kram, Eledath U. 418 Kram, Eleda	Kono, Mina	717				92		
Kratzer, Guy L. 33 McMillen, M. A. 228 Fertelli, Nicholas J. 277 Shulman, Alex G. 255 Sugnor, William M. 423 McMillam M. 423 Mercer, David W. 418 Mercer, David W. 424 Mercer, David W. 425 McMillam M. 423 McMillam, Alex G. 255 Sugnor, William M. 423 McMillam M. 423 McMillam, Alex G. 255 Sugnor, William M. 423 McMillam, M. 423 McMillam, M. 424 McMillam, Nana 717 Silberman, Howard 443 McMillam, M. 425 McMillam, Nana 717 Silberman, Howard 443 McMillam, M. 425 McMillam, Nana 717 Silberman, Howard 443 McMillam, M. 425 McMillam, Nana 717 Silberman, Howard 443 McMillam, Nana 718 McMil					Pennell, Timothy C.	485		293
Krishana, Eledath U. 418 Mercetch, Noma Krishana, Eledath U. 418 Mercetch, Noma Krishana, Eledath U. 418 Mercetch, Noma Merrill, Waher H. 418 Mercetch, Noma Merrill, Waher H. 427 Michowitz, Moshe Merrill, Waher H. 428 Mercetch, Noma Merrill, Waher H. 429 Michowitz, Moshe Miller, James Miller, James Gas Miller, Miller, James Gas Miller							Shulman, Alex G.	255
A							Signor, William	772
Marcer, David W. Silver, Audrey 243							Silberman, Howard	
Kuster, Gustavo G. R. 627 Merdith, Noma 630 Mernil, Walter H. 100				567				
Merideth, Noma Meri			Meredith, J. Wayne	44				
L Merrill, Walter H. Meyer, Mark S. 250 Michowitz, Moshe Milker, James 638 Milker, James 638 Milker, James 638 Milker, James 638 Poole, Gallen V. 225 Skandalakis, Levin E. 72, 77, 158 Skandalakis, Levin E. 72,	Kuster, Gustavo G. R.	627	Merideth, Noma	630				
Meyer, Mark S. Soon Plummer, David W. 329 Stills, Revin M. 329 Stills, Stills, John C. 320 Stills, Stills, John			Merrill, Walter H.					
Miller, James American Amer					Plaisier, Brian R.	562		
Miller, James Asamolalais, Den P. 12, 71, 158 Asamolalais, Den P. 12	L				Plummer, David W.	329		
Lane, Internation Lane, Vision Lane, Patricia Silver, Richard S 193 Miller, Isosph M. 502 Poulos, Ernest 634 Priviti, Francis W. 499 Priviti, Francis W. 490 Pri					Pontari, M. A.	258		72, 77, 158
Lang, Adam	Landreneau Rodney I	272					Skandalakis, Lee J.	72, 77, 158
Lange, Adam 31 Miller, R. Scott 502 Prievili, Francis W. 49 72, 77, 158	Lane Vivian						Skandalakis, Panajiotis 1	N.
Lanza, Robert P. Lanza, Robert P. Lanza, Robert P. Lathrop, James Lanza, Robert P. Lathrop, James Latimer, Romald G. Lay, Stever F. Lazaroc, Eric, J. Lagaco, Eric, J. Millham, Frederick H. Tagaco, Smith, Donald H. Joseph, Smith, Donald H.								
Lanza, Robert P. 630 Millean, Frederick H. 423 Purett, Timothy L. 82 Smith, David A. 577 Smith, Opponald H. 193 Smith, Joseph J. 387 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 578 Smith, Partick B. 234 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 577 Smith, Robert B. 118 S. 232 Smith, David A. 578 Smith, David A.				502				
Lathrop, James 141 Million, Rodney R. 423 Purtell, Maryanne 758 Smith, Donald H. 193 387 Smith, Donald H. 193 Smith, Doseph Soon-Stone, Paire Soon-Stone, Paire Soon-Stone, Paire Soon-Stone, Paire Soon-Stone, Paire Soon-Stone, Paire Soon-Stone, P				193				
Latimer, Ronald G. 761 Milnard, G. 762 Milnard, G. 762 Milnard, G. 763 Milnard, G. 764 Milnard, G. 764 Milnard, G. 764 Milnard, G. 765 Milnard		630	Millham, Frederick H.	784				
Laty, Steven F.	Lathrop, James	141	Million, Rodney R.	423	Purtell, Maryanne	758		
Lazaro, Eric J. Lazaro, Eric J	Latimer, Ronald G.	761						
Ledgerwood, Anna M. 527 Lec, Christophe S. 474 Lec, Christophe S. 474 Lee, Robert B. 37 Lee, Robert B. 37 Leonard, Dianne 387 Leonard, Dianne 387 Leonard, Dianne 387 Leparc, German F. 104 Leroy, John 211 Lesnik, Ivan 346 Levine, Gary 743 Levine, Gary 743 Levine, Gary 743 Levine, Gary 743 Levine, Robert D. 775 Lewis, R. W. 220 Levire, Beverly J. 740 Levis, R. W. 220 Levire, Beverly J. 740 Levine, R. W. 220 Levire, Beverly J. 740 Lin, Irank 772 Lewis, R. W. 220 Levire, Beverly J. 740 Lin, Irank 772 Limnoila, Ilona 430 Liu, Se-Yuan 717 Logue, Gerald 496 Lonser, Russell R. 750 Lucas, Charles E. 527 Lin, T. C. 404 Lin, Frank 772 Lucas, George W. 206 Luke, J. Patrick 206 Luke, J. Patrick 206 Natla, Alban, Ira M. 320 Nacoris, Russell R. 750 Lucas, Charles E. 527 Lucas, Charles E. 527 Lucas, George W. 206 Nauta, Russell J. 455 Lucas, Charles E. 527 Lucas, Charles E. 527 Lucas, George W. 206 Nauta, Russell J. 455 Lucas, Charles E. 527 Lucas, George W. 206 Nauta, Russell J. 455 Lucas, Charles E. 527 Lucas, George W. 206 Nauta, Russell J. 455 Lucas, Charles E. 527 Lucas, George W. 206 Nauta, Russell J. 455 Netson, José Barbieri 647 Nacheers, Steven K. 683 Norross, E. Douglass Norr	Lay, Steven F.						Smith, Robert B., III	188, 232
Lee, Christophe S. 474 Mitchell, Robert A. 521 Mitchell, Robert A. 521 Kaman, V. K. 53 Soon-Shiong, Patrick 630 Mitchell, Vijay K. 451 Rappaport, William 346 Sorensen, John B. 61 Stapleton, Thomas 717 Moody, Felice P. 458 Rappaport, William 346 Sorensen, John B. 61 Rappaport, William 346 Sorensen, John B. 61 Sorensen, John B. 61 Rappaport, William 346 Rappaport, William 346 Sorensen, John B. 61 Rappaport, William 346 Reiter, Patrick 270 Specian, Robert D. 305 Sinch Seves, Mark A. 634 Reiter, Patrick 270 Specian, Robert D. 305 Sinch Seves, Mark A. 608 Steves, Mark A. 6			Minor Claude P. I.		н			562
Lee, Christophe S. Lee, Robert B. See, Robert D. See, Robert B. See, Robert D. Se							Somjen, D.	49
Lee, Robert B. 37 Moody, Felice P. 451 Agappaport, William 346 Sorensen, John B. 61 Leighton, Thomas 717 Moore, Ernest E. 395 Reiten, Patrick 470 Souba, Wiley W. 423 Leonard, Dianne 387 Morais, Everton N. 464 Repare, Steve 470 Specian, Robert D. 305 Reiter, Patrick 470 Specian, Robert D. 305 Reiten, Patrick 470 Special, Robert D. 306 Reiter, Patrick 470 Special, Robert D. 307 Stabliana, Gary C. 37 Stabliana, Gary C. 38 Stevent, Daniel E. 334 Robertson, Frank M. 622 Stonehouse, Steven B. 305 Swantz, Steven E. 305 Swantz, Steven E.					Raman, V. K.	53	Soon-Shiong, Patrick	630
Moody, Felice P. 438 Raynor, Steve 280 Sorensen, Victor J. 557					Rappaport, William			
Reiten, Patrick 470 Souba, Wiley W. 423 Anna A								
Reitz-Vick, Darlene M. 577 Specian, Robert D. 305				395				
Leparc, German F. 104			Moorman, Donald W.	250				
Leroy, John 211 Morgenstern, Leon 599 Resnick, Alan M. 270 Spengler, Michael D. 82 Leroy, John 211 Morgenstern, Leon 599 Ricketts, Richard R. 613 Spillert, Charles R. 355 Resnick, Nan M. 270 Spengler, Michael D. 82 Resnick, Nan M. 270 Spengle			Morais, Ewerton N.	647				
Lesnik, Ivan 346		104	Morgan, Anthony S.					
Levine, Gary 743 Morris, John A. 395 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 337 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 376 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 377 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Stahlman, Gary C. 378 Riiche, Wallace P., Jr. 567 Stapleford, Linda 315 Richer, Darke, Malce, P., Jr. 567 Stapleford, Linda 315 Richer, Charles P. 578 Ritcher, Malce, P., Jr. 567 Stapleford, Linda 315 Richer, Malce, P., Jr. 567 Richer, Darke, Malce, P., Jr. 567 Roberts, John 409 Stewart, James R. 100 Roberts, John 409 Stewart, James R. 100 Roberts, John 409 Stewart, Jam	Leroy, John	211						
Levine, Gary 743 Morris, John A. 395 Kirchie, Wallace P., Jr. 567 Stapleford, Linda 315 Levis, Robert D. 775 Mosier, David M. 677 Motta, John C. 613 Kitchie, Wallace P., Jr. 567 Stapleford, Linda 315 Steves, R. W. 220 Motta, John C. 613 Kobert D. 104 Mosier, David M. 677 Roberts, John 409 Stewart, James R. 100 Muakkassa, Farid F. 225 Mucha, Peter, Jr. 395 Robertson, Frank M. 622 Stonehouse, Stephen 44 Mulharin, Joseph L., Jr. 167 Roberts, John 409 Stewart, James R. 100 Muakkasa, Farid F. 225 Mucha, Peter, Jr. 395 Robertson, Frank M. 622 Stonehouse, Stephen 44 Mulharin, Joseph L., Jr. 167 Roberts, John 409 Stewart, James R. 100 Mukkasah, Michelle M. 535 Rodriguez, Aurelio 350 Sugarbaker, Paul H. 608 Sugarbaker, Paul H	Lesnik, Ivan	346				613		355
Levis, Robert D. 775 Moster, David M. 634 Ritchie, Wallace P., Jr. 567 Stapleford, Linda 315 Lewis, Robert D. 775 Moster, David M. 637 Robb, H. J. 695 Stewart, Daniel E. 334 Leyerle, Beverly J. 740 Mulka, John C. 613 Muakkassa, Farid F. 225 Mucha, Peter, Jr. 395 M						761	Stahlman, Gary C.	37
Lewis, Robert D. 775 Mosier, David M. 677 Robb, H. J. 695 Stewart, Daniel E. 334 Ritota, Perry C. 654 Steves, Mark A. 608 Lewire, R. W. 220 Motta, John C. 613 Roberts, John Mucka, Peter, Jr. 395 Mucha, Peter, Jr. 395 Robertson, Frank M. 622 Stonehouse, Stephen 44 Stylianos, Steven 364 Rodriguez, Aurelio 350 Sugarbaker, Paul H. 608 Sugarbaker, P					Ritchie, Wallace P., Jr.	567	Stapleford, Linda	315
Lewis, R. W. 220 Motta, John C. 613 Roberts, John 409 Stewart, Daniel E. 334 Leyerle, Beverly J. 740 Muakkassa, Farid F. 225 Mucha, Peter, Jr. 395 Roberts, John 409 Stewart, James R. 100 Stomehouse, Stephen 44 Stowart, James R. 100 Stomehouse, Stephen 44 Stomehouse, Steven E. 364 Stomehouse, Stephen 44 Stomehouse, Stephen 44 Stomehouse, Stephen 44 Stomehouse, Steven E. 304 Stomehouse,								
Leyerle, Beverly J. 740								
Lichtenstein, Irving L. 255								
Mucha, Peter, Jr. 395								
Linden, Sarah S. 661 Mulkey, M. W. 220 Mulharin, Joseph L., Jr. 167 Mulkey, M. W. 220 Mukarah, Michelle M. 535 Murphy, Christopher G. 104 Rodriguez, Aurelio 350 Sugarbaker, Paul H. 608 Sugarbaker, P			Mucha, Peter, Jr.	395				
Lin, Frank 772 Munkarah, Michelle M. 535 Rodriguez-Bigas, Miguel A. 277 Sugitani, Atsushi 699 Lin, Hwan-Wun 153 Liu, E-Yuan 717 Logue, Gerald 496 Lonser, Russell R. Lorino, Cynthia O. Lucas, Charles E. 527 Lucas, George W. Luc, J. Patrick 206 Nelson, Jane 755 Luc, Zhaonian 630 Neto, José Barbieri 647 Russell, John C. Newson, Bobbie L. Ney, Arthur L. 329 Nguyen, Bao-Lien Nissen, Carl W. Nguyen, Bao-Lien Nissen, Carl W. Nissen, Carl W. Nissen, Carl W. Norcross, E. Douglass J. 740 Norcross, E. Douglass J. 7		404						
Lin, Frank 772 Munkarah, Michelle M. S353	Linden, Sarah S.	661						
Linnoila, Ilona 430 Murphy, Christopher G. 104 Rodriguez, Clemente 22, 32 Surick, Burton G. 657 Rodriguez, Clemente 22, 32 Surick, Burton G. 657 Swant, Kenneth G. 355, 654 Rodriguez, Clemente 22, 32 Surick, Burton G. 657 Swant, Kenneth G. 355, 654 Rodriguez, Clemente 22, 32 Surick, Burton G. 657 Rodriguez, Clemente 24, 430 Swartz, Steven E. 430 Swartz, Steven E. 108 Rodriguez, Clemente 24, 430 Rodriguez, Clemente 24, 430 Rodriguez, Clemente 491 Rodriguez	Lin, Frank	772			Rodriguez-Bigas, Miguel A.			699
Liu, Hwan-Wun Liu, Se-Yuan Logue, Gerald Lonser, Russell R. Lorino, Cynthia O. Lucas, Charles E. Lucas, George W. Luck, J. Patrick Lu, Zhaonian MacGillivray, Dougald C. Macheers, Steven K. Mackengie, Douglas J. Mackengie, Douglas J. Mackengie, Douglas J. Mackengie, David A. RosenJol A. Roitman, Leda Apl Rosmurgy, Alexander S. Rosenduist, M. D. RosenJolf, Lynn K. Rosen	Linnoila, Ilona					22, 32	Surick, Burton G.	657
Liu, Se-Yuan 717 Logue, Gerald 496 Lonser, Russell R, 750 N Lorino, Cynthia O. 435 Lucas, Charles E. 527 Lucas, George W. 206 Lucke, J. Patrick 206 Lu, Zhaonian 630 Netson, Bobbie L. 699 Ney, Arthur L. 329 MacGillivray, Dougald C. 430 MacGillivray, Dougald C. 430 MacGillivray, Dougald C. 430 MacKenzie, Douglas J. 740 Norcross, E. Douglass 92 Mackenzie, Douglas J. 740 Norcross, E. Douglass 92 Rosemquist, M. D. 220 Ross, Steven E. 108 Rosemquist, M. D. 220 Ross, Steven E. 108 Rosemurgy, Alexander S. 104 Rosemlof, Lynn K. 82 Rosenquist, M. D. 220 Ross, Steven E. 108 Rosenquist, M. D. 220 Taheri, Paul A. 496 Rosendre S. 104 Rosemurgy, Alexander S. 104 Rosemurgy, Alexand	Liu Hwan-Wun		Murphy, Christopher G.	104	Rogers, David A.	211	Swan, Kenneth G.	355, 654
Logue, Gerald 496 N Rosemurgy, Alexander S. 104 Lonser, Russell R. 750					Roitman, Leda		Swartz, Steven E.	
NacGillivray, Dougald C. 430 MacGillivray, Dougald C. Macheers, Steven K. Mackers, E. Douglas J. 740 Northers 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100					Rosemurgy, Alexander S.	104		
Corino, Cynthia O. 435 Corino, Cynthia O. 435 Lucas, Charles E. 527 Nathan, Ira M. 32 Rosenquist, M. D. 220 Ross, Steven E. 108 Ruben, David M. 206 Corino, Cynthia O. 220 Corino, Cynthia O. 220 Corino, Cynthia O. 220 Corino, Cynthia O. 230 Corino, Cynthia O. 230 Corino, Cynthia O. 230 Corino, Cynthia O. 243 Corino, Cynthia O. 245 Corino, Cynthia O. 246 Corino, Cynthia O. 247 Corino, Cynthia O. 248 Corin			N					
Lucas, Charles E. 527 Nathan, Ira M. 32 Ross, Steven E. 108 Lucas, George W. 206 Nauta, Russell J. 455 Rufe, Walter 775 Luke, J. Patrick 206 Nelson, Jane 755 Ruf, Walter 775 Ruiz, Ernest 329 Lu, Zhaonian 630 Neto, José Barbieri 647 Russell, John C. 65 Thompson, Joh S. 280 Ney, Arthur L. 329 Ney, Arthur L. 329 Ney, Arthur L. Newson, Bobbie L. 699 Rutgers, Joanne 758 Thompson, Roby 509 MacGillivray, Dougald C. 430 Nivatvongs, Santhat Nivatvongs, Santhat 673 Mackenzis, Douglas J. 740 Nortross, E. Douglass 92 Sabesin, Seymour M. 243 Tribble, Curtis G. 458 Ross, Steven E. 108 Ruben, David M. 206 Rutger, Javid M. 206 Ruben, David M. 206 Ruben, David M. 206 Taheri, Paul A. 496 Tesi, Raymond J. 484, 651 Thompson, Joh S. 280 Thompson, Roby 509 Timberlake, Gregory A. 400 Tiomy, E. 49 Towler, Michael A. 458 Towler, Michael A. 458 Towler, Michael A. 458 Towler, Michael A. 458							T	
Lucas, George W. 206 Nauta, Russell J. 455 Ruben, David M. 206 Luke, J. Patrick 206 Nelson, Jane 755 Ruiz, Ernest 329 Tesi, Raymond J. 484, 651 Thompson, Jon S. 280 Newson, Bobbie L. 699 Ney, Arthur L. 329 Nguyen, Bao-Lien 800 Nissen, Carl W. Nissen, Carl W. Nissen, Carl W. Norcross, E. Douglas J. 740 Norcross, E. 200 Nelson, Jane 755 Ruiz, Ernest 329 Tesi, Raymond J. 484, 651 Thompson, Jon S. 280 Thompson, Roby 509 Thompson, Roby 509 Timberlake, Gregory A. 400 Timberlake,							•	
Luke, J. Patrick 206 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Luke, J. Patrick 206 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, Walter T. L. 404 Nelson, Jane 755 Ruf, Walter 775 Tan, W			Nathan, Ira M.	32			Taheri Paul A	404
Luk, J. Patrick 206 Nelson, Jane 755 Ruiz, Ernest 329 Tesi, Raymond J. 484, 651 New Son, Bobbie L. 699 Russell, John C. 65 Thompson, John S. 280 Ney, Arthur L. 329 Nguyen, Bao-Lien 280 MacGillivray, Dougald C. 430 Nivatvongs, Santhat Mackers, Steven K. 683 Norcross, E. Douglass Packers Developed J. 740			Nauta, Russell J.					
Lu, Zhaonian 630 Neto, José Barbieri 647 Russell, John C. 65 Thompson, Jon S. 284, 651 Newson, Bobbie L. 699 Rutgers, Joanne 758 Thompson, Jon S. 200 Thomps		206						
Newson, Bobbie L Newson, Bobbie L Newson, Bobbie L September Newson, Bobbie L Newson, Bobbie L September S	Lu, Zhaonian							
New Arthur L State		200				65		
Ney, Arthur L. 329 Timberlake, Gregory A. 400					Rutgers, Joanne			509
MacGillivray, Dougald C. 430 Source Tiomny, E. 49 Macheers, Steven K. 683 Nivatvongs, Santhat 673 Towler, Michael A. 458 Mackenzis, Douglas J. 740 Norcross, E. Douglass 92 Sabesin, Seymour M. 243 Tribble, Curtis G. 458	M							400
MacGillivray, Dougald C. 430 Nivatvongs, Santhat 673 Townsend, Laurace E. 577 Mackenzie, Douglas J. 740 Nordbeck I. Nordbeck I. Sabesin, Seymour M. 243 Tribble, Curtis G. 458					_			
Macheers, Steven K. 683 Norcross, E. Douglass 92 Sabesin, Seymour M. 243 Tribble, Curtis G. 458 Mackenzie, Douglas J. 740 Nordrock I. 324 Sabesin, Seymour M. 243 Tribble, Curtis G. 458	MacCilliana Day 110	420			S		Towler, Michael A.	
Mackenzie, Douglas J. 740 Nordbook L. 224 Sabesin, Seymour M. 243 Tribble, Curtis G. 458								
Mackenzie, Douglas J. 740 Nordback I 324				92	Sabesin, Seymour M.	243		
1 utesay, David B. 001	mackenzie, Douglas J.	740	Nordback, I.					
							y, 	001

U		Vicente, Walter V. A.	647	Wheeler, William E.	53	x	
•		Vidal-Jove, Joan	608	White, John J.	736		
Umali, Eric	736			White, R. Keith	112	Xynos, Evaghelos	787
Unger, Stephen Wise	643	***		Williams, Kenna J.	199		
Oliger, Stephen wise	043	W		Williams, Russell A.	732	Y	
				Wilson, Audrey	506		
V		Wagner, Joseph R.	391	Wilson, Jacqueline A.	535	Young, Gary S.	92
		Walker, Kim	409	Wilson, John P.	206		
Vanderkwaak, Timothy	594	Walsh, Daniel B.	455	Wilson, Robert F.	535	Z	
Vanek, Vincent W.	340, 418	Wang, Su	22	Wilson, Sans el E.	732	_	
Vargas, Hernan I.	758	Ward, E. Frazier	225	Witzke, Donald	346	Zeiger, Martha A.	430
Vargish, Thomas	618	Warner, Keith	638	Wiznitzer, T.	49	Zheng, Tianli	630
Vasilakis, Alexander	400	Waxman, Kenneth	743	Wolfman, Neil	44	Zhu, Yong Hua	722
Vassilakis, John S.	787	Weaver, Mark	692	Woloszyn, Thomas T.	22, 32	Zografos, G.	782
Velanovich, Vic	264	Weigelt, John A.	373	Worthen, Nancy	315	Zoras, Odysseas J. L.	787
Verham, Ronald P.	599	Welch, John P.	300	Wu, T. M.	750	Zuckerbraun, Lionel	710

SUBJECT INDEX

Ahdomen

abscess. See Abscess, intra-abdominal

adhesion formation, fibrin gel and (rabbit), 590

intra-abdominal pressure, abdominal wall blood flow and (swine), 573

situs inversus, dextrocardia and, orthotopic liver

transplantation in, 651

Abdominal compartment syndrome, 573

Abdominal pain

enterovesical fistula and, 258

radiation enteritis and, 132

upper quadrant, falciform ligament cysts and, 779

Abdominal trauma

in children, blood transfusion requirements in, 736

complementary roles of CT scan and diagnostic peritoneal

lavage in, 44

delayed splenic rupture, 340

hepatic injury, nonoperative management in adults, 551

injuries of abdominal aorta, 350

pancreatico-duodenal injuries, pyloric exclusion with

vagotomy in, 557

penetrating, vascular injuries, 622

vascular injuries, 622

Abdominal wall, blood flow, intra-abdominal pressure and (swine), 573

Abdominoperineal resection

leiomyosarcoma of rectum, 311

perineal wound packing technique, 277

primary rectal lymphoma, 634

Abscess

intra-abdominal, laparoscopic cholecystectomy and, 641

liver, amebic, management, 315

Acid-base balance, massive blood transfusions and, 535

Acute limited normovolemic hemodilution, intestinal healing

and, in malnourished model (rabbit), 22

Acute Physiology and Chronic Health Evaluation (APACHE II) scale, in peritonitis, 82

Adenocarcinoma

gastrointestinal, estrogen receptor content, immunohistochemical determination, 758

rectum. See Rectum, adenocarcinoma

Adhesions, intra-abdominal, fibrin gel and (rabbit), 590

Afferent vagus nerves, inhibition of, gastric mucosal response to stress and (rat), 699

Age, in evaluation of breast complaints, 413

Alabama, informed consent statute, 146

Alkaline phosphatase, severe liver injury and, 395

Amebic abscess, liver, 315

Amputation, predisposing causes, 474

Amylase, urinary, pancreas transplant rejection and (rat), 630

Anal fissure, acute, Solcoderm for, 705

Analgesia, epidural, in aortic surgery, 470

Anastomosis

bowel, healing, acute limited normovolemic hemodilution and (rabbit), 22

colorectal, double-staple technique, 270

ileoanal, 1

ileocolic, patency of stapled vs. hand-sewn techniques (dog), 638 microvascular, new method, 722

Anemia, preoperative hemoglobin level and surgical outcome in, 92 Anesthesia

epidural, in aortic surgery, 470

in gastric bypass for morbid obesity, influence of anesthetic regimen on patient care, outcome, and hospital charges, 527

local, for carotid endarterectomy, 446

Aneurvsm

abdominal aorta, ruptured, 499

visceral, massive gastrointestinal hemorrhage and, 618

Angiography, in laryngotracheal trauma, 181

Anion gap, massive blood transfusions and, 535

Antibiotics, selective vs. routine use, in acute appendicitis, 280

abdominal

aneurysm, ruptured, 499

traumatic injury, 622

blunt, 350

occlusion, hemicorporectomy for, 509

surgery, epidural anesthesia and analgesia in, 470

thoracic, traumatic rupture, treatment priorities, 37

Aortobifemoral bypass, polytetrafluoroethylene bifurcated graft for, 506

Aortoenteric fistulas, primary, 53

Aortography, in traumatic rupture of thoracic aorta, 37

APACHE II. See Acute Physiology and Chronic Health Evaluation

Appendectomy, normal appendectomy rate relative to perforated appendicitis, 264

Appendicitis

acute

diagnostic laparoscopy in, 627

selective vs. routine antibiotic prophylaxis in, 280

technetium 99m hexamethylpropyleneamineoxide (HMPAO)

scanning in, 761

perforated, normal appendectomy rate relative to, 264

Argon beam coagulator hepatorrhaphy, in potential donors, 353

Atelectasis, severe pelvic fracture and, 225

Autotransfusion, in trauma, comparison of two systems, 562

В

Bacterial translocation, in obstructive jaundice, absence of intestinal bile and (rat), 305

Bacteriology, biliary tract, changes after endoscopic retrograde cholangiography and sphincterotomy, 324

Barium studies

barium enema-induced colorectal perforation, 673

in enterovesical fistula, 258

in laryngotracheal trauma, 181

Rile

biliary, bacteriology after endoscopic retrograde cholangiography and sphincterotomy, 324

intestinal, absence in extrahepatic biliary obstruction,

bacterial translocation and (rat), 305

Bile acids, gastric mucosal injury and, leukotrienes in (rat), 567

Biliary obstruction

extrahepatic, absence of intestinal bile and bacterial translocation (rat), 305

neutrophil chemotaxis in (rat), 28

Biliary tract

bacteriology, changes after endoscopic retrograde cholangiography

and sphincterotomy, 324

bile duct injury, during open cholecystectomy, 766

bile duct stenosis, after electrosurgical laparoscopic

cholecystectomy, 321 Bilirubin, serum, severe liver injury and, 395

Biopsy, breast

impact of mammography on, 661 nonpalpable lesions, mammographic parenchymal pattern and, 692

solid masses, 435

stereotaxic needle localization and biopsy of occult lesions, 126

Blood flow, abdominal wall, intra-abdominal pressure and (swine), 573

Blood gases continuous intra-arterial oxygen monitoring in surgical intensive

care unit, 740

massive blood transfusions and, 535 Blood transfusion. See Transfusion therapy

in laparoscopic cholecystectomy, 96

selective intraoperative, in laparoscopic cholecystectomy, 206

Boerhaave's syndrome, diagnosis and management, 112 Cholangiopancreatography, endoscopic retrograde, in pancreatic Bowel. See Intestine pseudocyst, 173, 199 Bowel continence, after total colectomy, 1 Cholecystectomy laparoscopic biopsy. See Biopsy, breast in acute cholecystitis, 273 lymphoma, 792 electrosurgical, 96 nipple discharge. See Nipple discharge obstructive jaundice after, 321 Breast cancer review of 800 procedures at university-affiliated community early diagnosis, mammography in, 661 teaching hospital, 206 lymphoma, 792 in rural hospital, 55 nonpalpable, early detection via needle localization, 193 unusual complications, 641 in nonpalpable lesions, mammographic parenchymal pattern and open, bile duct injuries during, 766 predictive value of biopsy, 692 Cholecystitis significance of breast complaints and correlation with age, 413 acute, laparoscopic cholecystectomy in, 96, 273 Breast complaints, correlation with age and incidence of gangrenous breast cancer, 413 intestinal obstruction and, 284 Breast lesions laparoscopic cholecystectomy in, 273 malignant. See Breast cancer Cholecystokinin receptor antagonist, in bile-induced acute pancreatitis occult (dog), 213 needle localization, 193 Choledochoduodenostomy, for obstructive jaundice after electrosurgical stereotaxic needle localization and biopsy, 126 laparoscopic cholecystectomy, 321 solid masses, selective nonoperative management, 435 Choledocholithiasis Bronchial carcinoid, 670 after piezoelectric lithotripsy for cholelithiasis, 243 Bronchoscopy endoscopic papillotomy with gallbladder in situ, 657 in bronchial carcinoid, 670 retained ductal stones, rapid dissolution with monoctanoin in T-tube in laryngotracheal trauma, 181 natients, 141 Brooke, Bryan N., 1 Cholelithiasis Brooke ileostomy, 1 laparoscopic cholecystectomy for, in rural hospital, 55 Brown, John Young, 1 piezoelectric extracorporeal shockwave lithotripsy for, 243 Cigarette smoking, morbidity and mortality, 513 Clamps, modified vascular clamp, 484 Coagulopathy cold-induced hypercoagulability in vitro, 355 Calcium, ionized, massive blood transfusions and, 535 severe pelvic fracture and, 225 California, informed consent statute, 146 Colectomy Canterbury v. Spence, informed consent, 146 subtotal, for massive lower gastrointestinal hemorrhage, 295 Capsaicin, afferent vagus nerve inhibition, gastric mucosal response to total, evolution of continence following, I stress and (rat), 699 Colitis, ulcerative. See Ulcerative colitis Carcinoid Colon bronchial, 670 diverticular disease, in young (under 40) age group, 605 thymic, in multiple endocrine neoplasia, 430 duplicated, carcinoma in, 782 Carotid artery, reconstruction, for traumatic disruption of carotid bulb, perforation, barium enema-induced, 673 Colorectal cancer Carotid endarterectomy, local anesthesia for, 446 carcinoma arising in duplicated colon, 782 Carpal tunnel, surgical anatomy, 72. See also Carpal tunnel syndrome changing patterns: stage and tumor location, 686 Carpal tunnel syndrome colorectal anastomosis, double-staple technique, 270 surgical anatomy, 72, 77, 158 flat, fast-growing, 383 treatment, 158 hepatic metastasis, complications of hepatic resection for, 88 Catheters/catheterization obstructing, endoscopic laser therapy, 358 coagulase negative Staphylococcus epidermidis contamination of IV catheters, in vitro model, 220 Computed tomography arterial portography plus. See Computerized tomographic double-lumen subclavian dialysis catheter for acute vascular portography access, 443 in blunt abdominal trauma, 44 emergency central venous catheterization during trauma in enterovesical fistula, 258 resuscitation, 108 in pancreatic pseudocyst, 173, 199 Celiotomy, in anterior stab wounds of lower left chest, detection of Computerized tomographic portography, preoperative, hepatic tumors, occult diaphragm injuries, 364 Cerebrovascular accident, after coronary artery bypass, 584 Contrast studies, in esophageal perforation, 112 Charcoal test, oral, in enterovesical fistula, 258 Coronary artery bypass, cerebrovascular accidents after, 584 Chemotaxis, neutrophil, in biliary obstruction (rat), 28 "Crack" cocaine abuse. See Substance abuse Chemotherapy, adjuvant, primary rectal lymphoma, 634 Cricopharyngeus, myotomy, for Zenker's diverticulum, 710 Chest, lower left, stab wounds, celiotomy in, detection of occult Crile, George, Jr., 1 diaphragm injuries, 364 Critical care Chest x-ray continuous intra-arterial oxygen monitoring, accuracy and reliability in bronchial carcinoid, 670 in esophageal perforation, 112 glucose intolerance in critically ill surgical patients, influence of severity in ruptured diaphragm, 334 Chloride, serum, massive blood transfusions and, 535 of illness and total parenteral nutrition, 728 portable ultrasonography in, 391 Cholangiography Crohn's disease, enterovesical fistula and, 258 endoscopic retrograde, biliary bacteriology after, 324

Culture studies, DNA replication in cultured adult human atrial

myocardiocytes, 577

Cyst(s)

falciform ligament, 779 hepatic, nonparasitic, 755

Cystadenoma

ovary, giant, benign, mucinous, 400

pancreas, 65

Cystoscopy, in enterovesical fistula, 258

D

Decision analysis, balancing normal appendectomy rate with perforated appendicitis rate, 264

Diabetes mellitus

amputation and, 474

type I, combined kidney-pancreas transplantation in, 136

Diaphragm

occult injuries, detection at celiotomy for left chest stab wounds, 364 rupture, blunt trauma and, 334

Diarrhea, radiation enteritis and, 132

Dilators, arterial, in endarterectomy, 695

Distention, radiation enteritis and, 132

Diverticular disease, in young (under 40) age group, 605

Diverticulitis, enterovesical fistula and, 258

Diverticulum

Meckel's. See Meckel's diverticulum

Zenker's, cricopharyngeus myotomy for, 710

DNA assay, leukotrienes in bile acid-induced gastric mucosal injury (rat), 567

DNA replication, in cultured adult human atrial myocardiocytes, 577

Dragstedt, Lester R., 1

Drainage, therapeutic, for pancreatic pseudocyst, 173, 199

Duodenal ulcer, complicated, PGE2 in, 49

Duodenogastric reflux, proximal gastric vagotomy plus duodenoplasty

Duodenoplasty, combined with proximal gastric vagotomy, duodenogastric reflux and, 647

Dysphagia lusoria, 502

E

Economic issues, cost containment in operating room, reusable vs. disposable clothing, 654

Education

influence of vascular certification on lower extremity revascularization at one institution, 463

resident education in surgical endoscopy, 643

Electrocautery. See Electrosurgical diathermy

Electrolytes, massive blood transfusions and, 535

Electrosurgical diathermy, laparoscopic cholecystectomy, 96

obstructive jaundice after, 321

Emergency medicine. See Trauma care

Empyema, gallbladder, laparoscopic cholecystectomy in, 273

Endarterectomy

arterial dilators in, 695

carotid. See Carotid endarterectomy

Endoscopy

endoscopic papillotomy with gallbladder in situ, 657

in esophageal perforation, 112

laser therapy for upper gastrointestinal hemorrhage, 120

resident education in surgical endoscopy, 643

Enteritis, radiation-induced, surgical management, 132

Enterogastric reflux syndrome, technetium 99m HIDA scintigraphy in

management of, 787 Enterostomal therapists, 1

Enterovesical fistula

diagnosis and treatment, 258 Meckel's diverticulum and, 784

Enzyme(s), hepatic, severe liver injury and, 395

Esophagoscopy, in esophageal perforation, 112

Esophagus

carcinoma, tracheo-esophageal fistula complicating, 441

in laryngotracheal trauma, 181

perforation, diagnosis and management, 112 upper sphincter, myotomy, for Zenker's diverticulum, 710

Estrogen receptors, in gastrointestinal adenocarcinoma, immunohistochemical determination, 758

Extremity, lower

amputation, predisposing causes, 474

ischemic gangrene, aortic occlusion and, hemicorporectomy for, 509 revascularization, influence of vascular certification on results at one institution, 463

Extremity, upper, intermittent venous obstruction, 455

Falciform ligament, cysts, abdominal pain and, 779

Fat embolism, severe pelvic fracture and, 225

Fecaluria, enterovesical fistula and, 258

Fibrin gel, intra-abdominal adhesion formation and (rabbit), 590

Finney, J.M.T., 1

Fissure in ano, Solcoderm for, 705

Fistula

aortoenteric, primary, 53

enterovesical

diagnosis and treatment, 258

Meckel's diverticulum and, 784

radiation enteritis and, 132

tracheo-esophageal, complicating esophageal carcinoma, 441

vesico-diverticular, Meckel's diverticulum and, 784

Flexor retinaculum, surgical anatomy, 77

Fonkelsrud, Eric W., 1

Fowler-Stephens orchiopexy, structural and functional effects (rat), 153

Fracture(s)

mandibular, routine cervical spine x-rays in, 369

pelvic, complications, 225

G

Gallbladder, empyema, laparoscopic cholecystectomy in, 273

Gallstones. See Cholelithiasis Gastric lymphoma, treatment, 409

Gastric mucosa

bile acid-induced injury, leukotrienes in (rat), 567

response to stress, inhibition of afferent vagus nerves and (rat), 699

Gastric reservoir reduction (bypass), for morbid obesity, influence of anesthetic regimen on patient care, outcome, and hospital charges, 527

Gastric ulcers, giant, management, 300

Gastritis, stress-induced. See Stress gastritis

Gastroduodenal artery, aneurysm, massive gastrointestinal hemorrhage and, 618

Gastroduodenal intussusception, gastric lipoma and, 772

Gastrointestinal hemorrhage

lower, subtotal colectomy for, 295

massive, visceral artery aneurysms and, 618

primary aortoenteric fistula and, 53

endoscopic intervention, 120

post-traumatic hepatic artery pseudoaneurysm appearing as, 451

Gastrointestinal tract, adenocarcinoma, estrogen receptor content, immunohistochemical determination, 758

Gender, vascular complications following intra-aortic balloon pump insertion and, 232

General surgery, survival of, 17

Glucose intolerance, in critically ill surgical patients, influence of severity of illness and total parenteral nutrition, 728

Glutamic oxaloacetic transaminase, serum, severe liver injury and, 395 Greenfield filter. See Vena caval interruption

Hand, surgical anatomy, 72

Hawaii, informed consent statute, 146

Heart, penetrating injuries, survival after emergency department vs. operating room thoracotomy, 329

Hematoma, subcapsular, delayed splenic rupture and, 732

Hematuria, enterovesical fistula and, 258

Hemicorporectomy, for acute aortic occlusion, 509

Hemodialysis, double-lumen subclavian dialysis catheter for acute vascular access, 443

Hemodilution, acute limited normovolemic, intestinal healing in malnourished model and (rabbit), 22

Hemoglobin, preoperative level, surgical outcome and, 92

Hemoptysis, bronchial carcinoid and, 670

Hemorrhage, gastrointestinal. See Gastrointestinal hemorrhage

Hepatic arter,, pseudoaneurysm, post-traumatic, 451-

Hepatorrhapily, argon beam coagulator, in potential donors, 353

Hernioplasty, prosthetic mesh repair, 255

Herniorrhaphy, two-layer anatomic repair vs. Shouldice repair, 211 Herpes simplex virus, gastroduodenal ulcer disease and, 775

Hypercarbia, effectors of, during experimental pneumoperitoneum, 717

Hypercoagulability, cold-induced, in vitro, 355

Hyperparathyroidism, preclinical, discovery during thyroid surgery, 747

Hyperpyrexia, severe liver injury and, 395

Hypertension

amputation and, 474

pulmonary artery. See Pulmonary hypertension

Hypothermia, endotoxin and clotting time and, 355

Idaho, informed consent statute, 146

Ileostomy, historical aspects and major advancements, 1

Illness severity, influence on glucose intolerance in critically ill surgical patient, 728

Immunohistochemistry, estrogen receptor content of gastrointestinal adenocarcinoma, 758

Infarction

gastrointestinal, in polyarteritis nodosa, survival of patient with, 167 myocardial. See Myocardial infarction

Infection

intravascular catheters, coagulase negative Staphylococcus

epidermidis contamination, 220

severe pelvic fracture and, 225

in trauma patient, red cell transfusion and, 104

Informed consent, 146

Inguinal hernia

prosthetic mesh repair, 255

Shouldice repair, two-layer anatomic repair vs., 211

Insulin, urinary, pancreas transplant rejection and (rat), 630

Intensive care. See Critical care

Intestinal healing, in malnourished model, acute limited normovolemic hemodilution and (rabbit), 22

Intestinal obstruction

gangrenous cholecystitis and, 284

phytobezoar obstruction of Meckel's diverticulum, 61

Intestine, small

infarction, in polyarteritis nodosa, survival of patient with, 167 metastases from primary lung carcinoma, 677

primary malignant melanoma, 418

Intra-aortic balloon pump (IABP), vascular complications, 232

Intussusception, gastroduodenal, gastric lipoma and, 772

Iowa, informed consent statute, 146

Ischemia, intra-aortic balloon pump insertion and, 232

Jaundice, obstructive

absence of intestinal bile and bacterial translocation (rat), 305 after electrosurgical laparoscopic cholecystectomy, 321 neutrophil chemotaxis in (rat), 28

J-pouch Swenson procedure, for ulcerative colitis and familial polyposis coli, 613

Kidney disease, end-stage, ischemic nephropathy in, 485 Kidney failure, post-traumatic, peritoneal dialysis for, 378 Kidney transplantation, combined kidney-pancreas transplantation, 136 Kock, Nils G., 1

Kock pouch, 1

L-364,718. See Cholecystokinin receptor antagonist Lactic dehydrogenase, severe liver injury and, 395

Laparoscopy

cholecystectomy. See Cholecystectomy, laparoscopic

diagnostic, in acute appendicitis, 627

Laryngoscopy, in laryngotracheal trauma, 181

Laryngotracheal trauma, 181

Laser therapy

endoscopic intervention for upper gastrointestinal hemorrhage, 120

laser thoracoscopy for pleural effusion, 667

in obstructing/bleeding colorectal cancer, 358

Leiomyosarcoma, rectum, 311

Leukocytosis, postsplenectomy, benign or infection, 387

Leukotrienes, in bile acid-induced gastric mucosal injury (rat), 567

Lipoma, gastric, gastroduodenal intussusception and, 772

Lithotripsy, piezoelectric, for cholelithiasis, 243

Liver

amebic abscess, management, 315

blunt trauma, nonoperative management in adult, 551

cysts, nonparasitic, 755

function studies, isolated perfused rat liver model, 521

laceration, argon beam coagulator hepatorrhaphy in potential donors, 353

mass lesions, preoperative computerized tomographic

portography in, 608

metastatic colorectal carcinoma, complications of hepatic resection for, 88

severe injury, hepatic enzyme response and hyperpyrexia after, 395 transplantation, in abdominal situs inversus and dextrocardia, 651

Louisiana, informed consent statute, 146

Lung, metastatic disease, pulmonary resection for, 100

Lung cancer

small bowel metastases from, 677

splenic metastases from, 683

Lymphangioma, spleen, 599

Lymphangiomatosis, spleen, 599

Lymphoma

breast, 792

gastric, treatment, 409

rectal, primary, 634

McKittrick, Leland S., 1

Magnesium, serum, massive blood transfusions and, 535

Malnutrition, acute limited normovolemic hemodilution and intestinal

healing in (rabbit), 22 Mammography

impact on breast biopsy, 661

parenchymal pattern, predictive value of biopsy in nonpalpable lesions and, 692

Mandible, fractures, routine cervical spine x-rays in, 369

Martin, Lester W., 1

Mastectomy, modified radical

one-day hospitalization following, 239

seroma prevention, 750

Meckel's diverticulum

phytobezoar obstruction of, 61 vesico-diverticular fistula and, 784

Median nerve

compression. See Carpal tunnel syndrome

surgical anatomy, 72, 158

Medicolegal issues, informed consent, 146

Melanoma, small intestine, 418

Metastatic disease

hepatic colorectal metastasis, complications of hepatic resection for. 88

pulmonary, metastatectomy for, 100

small bowel, primary lung carcinoma and, 677

spleen, primary lung carcinoma and, 683

Methylene blue, in single-duct transareolar microdochectomy, 404 Microbiology, of peritonitis, 82

Microdochectomy, single-duct transareolar dye-injection technique, 404 Monoctanoin, rapid dissolution of retained ductal gallstones in T-tube

Multiple endocrine neoplasia, thymic carcinoid in, 430

Myocardial infarction, perioperative, risk factors after distal arterial reconstructive procedures, 478

Myocardium, DNA replication in cultured adult human atrial myocardiocytes, 577

Myotomy, upper esophageal sphincter, for Zenker's diverticulum, 710

Nausea and vomiting, radiation enteritis and, 132

Needle(s), compound-curved needle for vascular surgery, 458

Needle localization

in occult breast lesions, 126, 193 stereotaxic, in occult breast lesions, 126

Neodymium:yttrium-aluminum-garnet (Nd:YAG) laser

endoscopic intervention for upper gastrointestinal hemorrhage, 120 preresectional therapy for obstructing/bleeding colorectal cancer, 358

Nephropathy, ischemic, in renal insufficiency, 485

Neutrophil(s), chemotactic function, in biliary obstruction (rat), 28 New York, informed consent statute, 146

Nipple discharge, bloody/serosanguineous, single-duct transareolar dye-

injection microdochectomy, 404 Nissen, Rudolph, I

Nutrition, total parenteral, influence on glucose intolerance in critically ill surgical patient, 728

0

Obesity

morbid, gastric reservoir reduction for, influence of anesthetic regimen

on patient care, outcome, and hospital charges, 527

vascular complications following intra-aortic balloon pump insertion and, 232

Obstruction

biliary. See also Biliary obstruction

neutrophil chemotaxis in (rat), 28

intestinal

gangrenous cholecystitis and, 284

phytobezoar obstruction of Meckel's diverticulum, 61

venous, intermittent, upper extremity, 455

Occlusive disease, aorta, hemicorporectomy for, 509

Octreotide, in bile-induced acute pancreatitis (dog), 213

Ohio, informed consent statute, 146

Orchiopexy, Fowler-Stephens, structural and functional effects (rat), 153

Oregon, informed consent statute, 146

Oscillation therapy, for pulmonary contusion, 546

Ovary, cystadenoma, giant, benign, mucinous, 400

Oxygen therapy, continuous intra-arterial oxygen monitoring in surgical intensive care unit, 740

Pain, abdominal. See Abdominal pain

Pancreas

cystadenoma, 65

pseudocysts

operative vs. nonoperative management, 199

surgical management, 173

transplantation

in combination with kidney transplantation, 136

rejection, early markers (rat), 630

Pancreatectomy, for cystadenoma, 65

Pancreaticoduodenal artery, aneurysm, massive gastrointestinal hemorrhage and, 618

Pancreatico-duodenal trauma, pyloric exclusion with vagotomy in, 557 Pancreaticojejunostomy, lateral, for pancreatic pseudocysts, 173

acute, effect of somatostatin analogue and cholecystokinin receptor antagonist on (dog), 213

after piezoelectric lithotripsy for cholelithiasis, 243

massive gastrointestinal hemorrhage in, visceral artery aneurysms and, 618

Parks, Alan G., 1

Pediatric population, blunt abdominal trauma, blood transfusion requiements in, 736

Pelvic cancer, enterovesical fistula and, 258

Pelvic fracture, blunt trauma-induced, complications, 225

Pennsylvania, informed consent statute, 146

Peptic ulcer disease

herpes simplex virus in, 775

perforated gastroduodenal ulcers related to "crack" cocaine smoking, 293

PGE₂ in duodenal ulcer complications, 49

Perforation, colorectal, barium enema-induced, 673

Pericardiotomy, in sepsis-induced pulmonary hypertension (pig), 32

Perineal wound packing, 277

Peripheral neuropathy, carpal tunnel syndrome, 72

Peripheral vascular disease. See under Vascular disease

Peritoneal dialysis, for post-traumatic renal failure, 378

Peritoneal lavage, diagnostic

in blunt abdominal trauma, 44

in traumatic rupture of thoracic aorta, 37

Peritonitis, APACHE II scoring and management strategies, 82

Phytobezoar, obstruction of Meckel's diverticulum, 51

Piezoelectric extracorporeal shockwave lithotripsy, for cholelithiasis, 243

Pleural effusion, laser thoracoscopy for, 667 Pneumaturia, enterovesical fistula and, 258

Pneumonia

after vascular surgery, preoperative prediction via spirometry, 491

severe pelvic fracture and, 225

Pneumoperitoneum, experimental, hypercarbia in, 717

Pneumothorax, occult traumatic, immediate tube thoracostomy vs. expectant management, 743

Polyarteritis nodosa, gastrointestinal infarction in, survival of patient with, 167

Polyposis coli, familial, J-pouch Swenson procedure for, 613

Polytetrafluoroethylene bifurcated graft, in aortobifemoral bypass, 506

Potassium, serum, massive blood transfusions and, 535

Pregnancy, outcome, after trauma, 594 Presidential address

of cigarettes and surgeons, 513

evolution of continence following total colectomy, 1

Prostaglandin(s), PGE₂

in duodenal ulcer complications, 49

urinary, pancreas transplant rejection and (rat), 630

Prosthetic mesh repair, inguinal hernia, 255

Protein S deficiency, hereditary functional, with arterial thrombosis, 496

Proximal gastric vagotomy, duodenoplasty plus, duodenogastric reflux

and, 647 Pseudoaneurysm

hepatic artery, post-traumatic, 451

intra-aortic balloon pump insertion and, 232

Pseudocyst, pancreatic

operative vs. nonoperative management, 199

surgical management, 173

Pulmonary artery, hypertension. See Pulmonary hypertension

Pulmonary contusion, continuous oscillation therapy for, 546

Pulmonary embolism, vena caval interruption for, 188

Pulmonary hypertension, sepsis-induced, left ventricular compliance in, pericardiotomy and (pig), 32

Pyloric exclusion, in management of severe pancreatico-duodenal injuries, 557

a

Quality assurance, balancing normal appendectomy rate with perforated appendicitis rate, 264

Radiation therapy

adjuvant, primary rectal lymphoma, 634

enteritis and, surgical management, 132

in gastric lymphoma, 409

preoperative, for initially unresectable rectal adenocarcinoma, 423

Radiography

chest. See Chest x-ray

routine cervical spine x-rays in mandibular fractures, 369

Radionuclide studies

technetium 99m-DISIDA, proximal gastric vagotomy plus duodenoplasty and duodenogastric reflux, 647

technetium 99m hexamethylpropyleneamineoxide (HMPAO),

in acute appendicitis, 761 technetium 99m HIDA, in enterogastric reflux syndrome, 787

Ravitch, Mark M., 1

Reconstructive surgery

aortobifemoral bypass, polytetrafluoroethylene bifurcated graft for,

complex carotid artery reconstruction for traumatic disruption of carotid bulb, 373

Rectum

adenocarcinoma

abdominoperineal resection, perineal wound packing technique, 277 unresectable, preoperative irradiation and surgery for, 423

leiomyosarcoma, 311

lymphoma, primary, 634

perforation, barium enema-induced, 673

Reflux

duodenogastric, proximal gastric vagotomy plus duodenoplasty and,

enterogastric reflux syndrome, technetium 99m HIDA scintigraphy in management of, 787

Renal artery, stenosis, in renal insufficiency, 485

Renal insufficiency, ischemic nephropathy in, 485

Respiratory distress syndrome, adult

after vascular surgery, preoperative prediction via spirometry, 491 severe pelvic fracture and, 225

pulmonary artery hypertension and, left ventricular compliance in, pericardiotomy and (pig), 32

stress gastritis and. See Stress gastritis

Seroma, after modified radical mastectomy, prevention of, 750 Shock

hemorrhagic, abdominal vascular trauma and, 622

stress gastritis and. See Stress gastritis

Shouldice herniorrhaphy, two-layer anatomic repair vs., 211

Sodium, serum, massive blood transfusions and, 535

Solcoderm, for acute anal fissure, 705

Somatostatin analogue. See Octreotide

Sphincterotomy, endoscopic, biliary bacteriology after, 324

Spine, cervical, radiographic evaluation, in mandibular fractures, 369

Spirometry, preoperative, prediction of pulmonary complications after vascular surgery, 491

Spleen

collateral perfusion pressure during splenic artery occlusion, 504

lymphangioma/lymphangiomatosis, 599

metastases from primary lung carcinoma, 683 rupture, delayed, 340

subcapsular hematoma as predictor of, 732

traumatic injury, splenectomy for, leukocytosis after, 387

Splenectomy, leukocytosis after, benign or infection, 387

Splenic artery

back pressure, 504

occlusion, spleen collateral perfusion pressure during, 504

Stab wounds, lower left chest, celiotomy in, detection of occult diaphragm injuries, 364

Staphylococcus epidermidis, slime and nonslime-forming, contamination of IV catheters, 220

Stapling devices, double-staple technique in colorectal anastomosis, 270

Stenosis, renal artery, in renal insufficiency, 485

Stereotaxic breast biopsy, 126

Strauss, Alfred A., 1

Stress gastritis

inhibition of afferent vagus nerves decreases gastric stress lesions (rat), 699

prevention, topical UWS (University of Wisconsin cold-storage solution) (rat), 250

Stroke. See Cerebrovascular accident

Subclavian artery, right, anomalous origin, 502

Substance abuse, "crack" cocaine smoking, perforated gastroduodenal ulcer and, 293

Surgical outcome, in nontransfused anemic patient, preoperative hemoglobin level and, 92

Technetium 99m. See Radionuclide studies

Testis, structure and function, Fowler-Stephens orchiopexy and (rat),

Texas, informed consent statute, 146

Thoracoscopy, laser, for pleural effusion, 667

Thoracostomy, tube. See Tube thoracostomy

Thoracotomy, emergency department, in penetrating cardiac injuries,

Thromboembolism

pulmonary, vena caval interruption for, 188

severe pelvic fracture and, 225

Thrombosis, arterial, functional protein S deficiency and, 496 Thymic carcinoid, in multiple endocrine neoplasia, 430

Tissue preservation solution. See University of Wisconsin cold-storage solution

Tracheo-esophageal fistula, complicating esophageal carcinoma, 441

Tracheostomy, early, in blunt, multiple organ trauma, 346

Transfusion therapy

autotransfusion in trauma, comparison of two systems, 562

blood transfusion requirements in children with blunt abdominal trauma, 736

massive blood transfusion, electrolyte and acid-base changes, 535 packed red cells, in trauma patient, infection after, 104

Transplantation

combined kidney-pancreas transplantation, 136

liver, in abdominal situs inversus and dextrocardia, 651

pancreas, rejection, early markers (rat), 630

Trauma. See also Trauma care

abdominal. See Abdominal trauma

delayed splenic rupture, 340

diaphragm rupture, 334

injuries of abdominal aorta, 350

multiple organ, early tracheostomy in, 346 pelvic fracture complications, 225 coagulopathy in, cold-induced hypercoagulability in vitro, 355 infection after, red cell transfusions and, 104 laryngotracheal, 181 post-traumatic hepatic artery pseudoaneurysm, 451 renal failure after, peritoneal dialysis for, 378 stab wounds of lower left chest, celiotomy for, detection of occult diaphragm injuries, 364 traumatic rupture of thoracic aorta, treatment priorities, 37 Trauma care argon beam coagulator hepatorrhaphy in potential donors, 353 autotransfusion, comparison of two systems, 562 blunt trauma of diaphragm, 334 complex carotid artery reconstruction for traumatic disruption of carotid bulb, 373 computed tomography and diagnostic peritoneal lavage in stable, blunt abdominal trauma, 44 continuous oscillation therapy for pulmonary contusion, 546 early tracheostomy in blunt, multiple organ trauma, 346 emergency central venous catheterization during resuscitation, 108 laryngotracheal injury, 181 nonoperative management of adult blunt hepatic trauma, 551 occult traumatic pneumothorax, 743 pancreatico-duodenal injuries, pyloric exclusion with vagotomy for, 557

operating room thoracotomy, 329 pregnancy outcome after trauma, 594 red cell transfusions and postinjury infection, 104 splenectomy, leukocytosis after, benign or infection, 387 subcapsular hematoma as predictor of delayed splenic rupture, 732 traumatic rupture of thoracic aorta, treatment priorities, 37

penetrating cardiac injuries, survival after emergency department vs.

Tube thoracostomy, immediate, in occult traumatic pneumothorax, 743 Tumors. See also specific organs; specific tumors bronchial carcinoid, 670

gastric lymphoma, 409 giant, benign, mucinous cystadenoma of ovary, 400

liver, preoperative computerized tomographic portography in, 608 pancreatic cystadenoma, 65

Turnbull, Rupert B., Jr., 1

Ulcerative colitis, J-pouch Swenson procedure for, 613 Ulcers/ulceration duodenal. See Duodenal ulcer; Peptic ulcer disease gastroduodenal herpes simplex virus and, 775 perforated, "crack" cocaine smoking and, 293 giant gastric ulcers, management, 300 Ultrasonography portable, in critical care, 391 renal duplex sonography, in ischemic nephropathy, 485 United Osteomy Association, 1 University of Wisconsin cold-storage solution (UWS), topical

application, prevention of stress gastritis (rat), 250 Urinary tract infection, severe pelvic fracture and, 225

Urine, early markers of pancreas transplant rejection (rat), 630 Utsunomiya, Joji, 1

Vagotomy, proximal gastric, duodenoplasty plus, duodenogastric reflux and, 647

Vagus nerve, afferent, inhibition of, gastric mucosal response to stress and (rat), 699

Vascular access, double-lumen subclavian dialysis catheter for acute vascular access, 443

Vascular disease, peripheral

amputation in, 474

vascular complications following intra-aortic balloon pump insertion and, 232

Vascular surgery

aortobifemoral bypass, polytetrafluoroethylene bifurcated graft for, 506

complex carotid artery reconstruction for traumatic disruption of carotid bulb, 373

compound-curved needle for, 458

coronary artery bypass, cerebrovascular accidents after, 584

distal arterial reconstructive procedures, risk factors for perioperative myocardial infarction, 478

endarterectomy with arterial dilators, 695

epidural anesthesia and analgesia in aortic surgery, 470

influence of vascular certification on lower extremity revascularization at one institution, 463

microvascular anastomosis, new method, 722

modified vascular clamp, 484

postoperative pulmonary complications, preoperative prediction via spirometry, 491

Vascular trauma

abdominal, 622

traumatic disruption of carotid bulb, complex carotid artery reconstruction for, 373

Vena cava, inferior, traumatic injury, 622

Vena caval interruption, for acute pulmonary thromboembolism, 188

Venous obstruction, intermittent, upper extremity, 455

Ventricle, left, compliance, in sepsis-induced pulmonary artery hypertension, pericardiotomy and (pig), 32

Warren, Richard, 1

Washington, informed consent statute, 146

Wound care, perineal wound packing technique after abdominoperineal resection, 277

Wound healing, intestinal healing in malnourished model, acute limited normovolemic hemodilution and (rabbit), 22

Wound infection

intra-aortic balloon pump insertion and, 232

postappendectomy, selective vs. routine antibiotic prophylaxis and, 280

severe pelvic fracture and, 225

Wrist

surgical anatomy, 72

surgical zones, 77, 158

Z

Zenker's diverticulum, cricopharyngeus myotomy for, 710